

Rexburg Recycling

Partnership between
City of Rexburg & BYU-I Recycling Center

How it all started. . .

- Growing need and interest in curbside recycling for no additional cost.
- Continued need for student employment.
- City had no where to go with recycling.
- BYU-I was not using its facility to its potential.
 - only operating a few hours a day.
- Meeting held and council approved a curbside recycling test study on two sub-divisions.

Trial Phase

- **Cresthaven and Hidden Valley neighborhoods were selected as trial neighborhoods for data collection and citizen participation.**
- **3 Phases for curbside recycling have been identified**
 - **Phase 1, collect and weigh garbage for two months to get base line data**
 - **Phase 2, ask citizens to separate recycled goods and garbage. Both waste streams will be weighed, recycled goods will be sorted & weighed by commodity**
 - **Phase 3, if trial can show operations can break even, curbside recycling will begin in June 2012.**

Results---Phase 1

Hidden Valley Subdivision Hidden Valley Total Average – 39.56 lbs.

Date	Net Weight (lbs.)	Total homes	Approx. Homes Collected	Tip Fees Paid	Average Per Household (lbs.)
2-Feb-12	3900	117	89	\$117.00	43.82
9-Feb-12	4380	117	105	\$131.40	41.71
16-Feb-12	4300	117	114	\$129.00	37.72
23-Feb-12	4300	117	119	\$129.00	36.13
1-Mar-12	4060	117	108	\$121.80	37.59
8-Mar-12	4320	117	117	\$129.60	36.92
15-Mar-12	4380	117	112	\$131.40	39.11
22-Mar-12					

Cresthaven Subdivision Cresthaven Total Average – 39.00 lbs.

Date	Net Weight (lbs.)	Total homes	Approx. Homes Collected	Tip Fees Paid	Average Per Household (lbs.)	
3-Feb-12	2640	74	63	\$79.20	41.90	
10-Feb-12	2380	80	59	\$71.40	40.34	
17-Feb-12	2720	80	74	\$81.60	36.76	
24-Feb-12	2480	80	68	\$74.40	36.47	
2-Mar-12	2540	80	65	\$76.20	39.08	
9-Mar-12	2560	80	70	\$76.80	36.57	
16-Mar-12	3160	80	69	\$94.80	45.80	Total Average
23-Mar-12						39.28

February – March 2012

Recycling – Phase 2

- We need your participation for this program to be successful!
- Single Stream vs. Multi Stream Recycling???
- Blue City of Rexburg Recycling Totes will be delivered Friday, March 30th to all households who currently have garbage collection services.



- What if I don't want to Recycle? Leave your tote by your curbside and it will be picked up on Wednesday, April 4th.
- Recycling will be picked up on your regularly scheduled garbage day through end of May when Phase 2 ends.

April – May 2012

City Purchased Containers. . .



Purchased from:
Rehrig Pacific Company
www.plasticdumpsters.com
\$41.75 per container

What can be Recycled?

ACCEPTED



Cardboard



Newspaper &
Office Paper



Tin or Aluminum



Phone Books &
Magazines



Plastic Bottles



Junk Mail



Food Boxes



Brown Paper Bags



Plastic Cups



Milk & Juice
Cartons

- Cardboard
- Newspaper & Office Paper
- Tin & Aluminum
- Phone Books & Magazines
- Plastic Bottles
- Junk Mail
- Food Boxes
- Brown Paper Bags
- Plastic Cups
- Milk & Juice Cartons

What can't be Recycled?

NOT ACCEPTED



Styrofoam



Used Paper Cups
and Plates



Used Paper Towels
and Tissues



Glass



Wax Paper and
Plastic Wrap



Liquids



Hazardous Waste



Prescription Vials



Aluminum Foil



Light Bulbs

- Styrofoam
- Used Paper Cups & Plates
- Used Paper Towels & Tissues
- Glass
- Wax Paper & Plastic Wrap
- Liquids
- Hazardous Waste
- Prescription Vials
- Aluminum Foil
- Light Bulbs

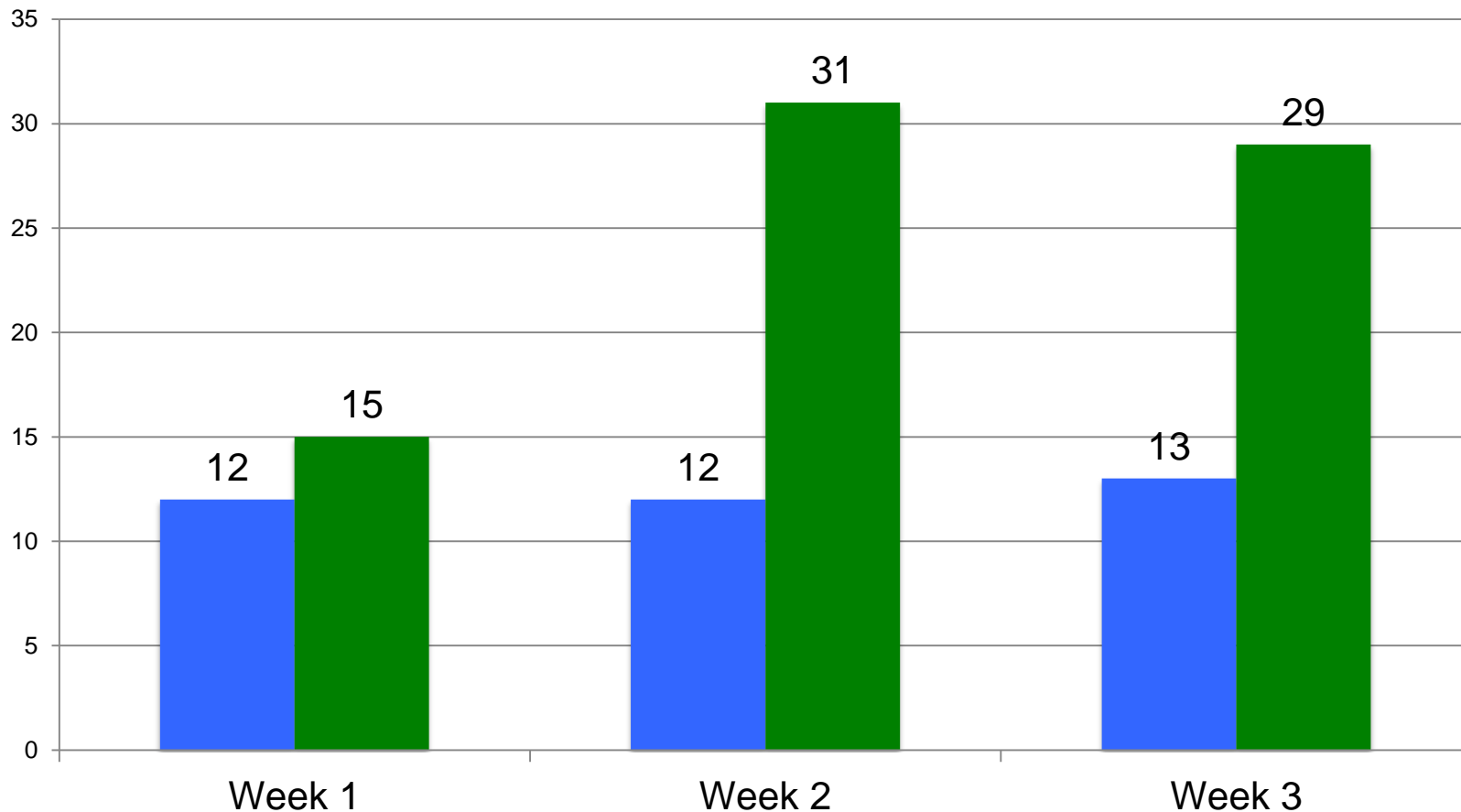
Expanding – Phase 3

- Jun – Start Friday Pickups
- Jul – Start Thursday Pickups
- Aug – Start Tuesday/Wednesday Pickups
- Sept – Full curbside recycling program implemented

June – September 2012

Conrad Family Actual Stats

Garbage vs. Recycling(lbs)




44% Trash
56% Recycled

28% Trash
72% Recycled

31% Trash
69% Recycled

BYU-I Furnished the Facility & Labor. . .

- Created more jobs for students.
- Provided leadership experience & on the job training.
- Management skills and creative involvement.

A large, blue industrial baler machine is shown in a warehouse setting. The machine is tilted at an angle, revealing its internal components and a red safety handle. A yellow container is visible in the background. The machine has a control panel on the left side with various buttons and switches. A warning label is visible on the side of the machine.

City purchased a baler and rents it to the recycling center. The college covers all other overhead expenses through the recycling revenue.

How it works

The Lifecycle of Recycled Goods

When you recycle you are diverting plastics, papers, metals, and other re-usable items away from landfills and giving them an extended life. Thank you for recycling.

DID YOU KNOW

About 70% of what we throw away is recyclable?!

Resource Stream

We each do our part:
REDUCE
RE-USE
RECYCLE

Businesses and Households

Once a commodity makes it to landfill it won't be recovered or re-used.

Landfill

Recycled goods are brought here to be sorted, compressed, and shipped off.

Materials Recovery Facility

On average, it takes less energy to produce items from recycled materials. For example, making aluminum cans from recycled aluminum saves **95%** of the energy used to produce aluminum from bauxite ore.

Re-Manufacture of Recycled Goods

These pictures are some commonly recycled materials that are recovered and shipped for re-use and re-manufacture.

Cardboard

Aluminum

Paper

Plastics

Recycling helps with **SOURCE REDUCTION**, which is reducing the amount of natural resources we use to produce new products. Recycling is good news for the environment.

Wood Oil
Natural Resources



Rexburg Recycles

Single Stream Recycling

Acceptable

Junk Mail

Food Boxes

Grocery Bags

Plastic Bottles/Cups

Milk/Juice Cartons

Tin/Aluminum (not foil)

Cardboard – break down

Phonebooks/ Magazines

Non-Acceptable

Green Waste

Styrofoam

Used Paper Towels

Hazardous Waste

Light Bulbs

Wax paper/Plastic Wrap

Aluminum Foil

GLASS







Where will **you** make a difference?

BYU
IDAHO

Recycling Center

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